

WHEEL LIFT IDENTIFICATION FOR AN AUTOMOTIVE VEHICLE

Abstract

A roll control system (16) for an automotive vehicle (10) is used to detect if one of the plurality of wheels (12) is lifted. The system generates a pressure request to determine if the wheel has lifted. A roll control pressure request may also be generated. The wheel lift pressure is suppressed in response to the roll control pressure request. The system may also store a peak wheel speed after the initiation of a build cycle so that the peak wheel speed is used in the wheel lift determination. Also, the system may have an ABS monitor mode which uses the build and release cycles of the ABS system to determine whether a wheel has lifted.